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490 7590 05/09/2005

VIDAS, ARRETT & STEINKRAUS, P.A.
6109 BLUE CIRCLE DRIVE
SUITE 2000
MINNETONKA, MN 55343-9185

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Robin Peddieson (Depositor's name)
August 9, 2005 (Date)

08/10/2005 TBESHAH2 00000007 220350 10737032

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/737,032 | 12/17/2003 | Kenneth Ccola | A30.2-10296-US01 | 4501 |

TITLE OF INVENTION: SMOOTH BORE SECOND ENVIRONMENT SENSING

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|------------------|--------------|----------------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 08/09/2005 |
| EXAMINER | ART UNIT | CLASS-SUBCLASS | | | |
| JOHNSON, STEPHEN | 3641 | 089-006500 | | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Vidas, Arrett & Steinkraus PA

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

ALLIANT TECHSYSTEMS, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

EDINA, MN 55436

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

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- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

William E. Anderson

Date, August 9, 2005

Registration No. 37766

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: **Kenneth D. Ceola**
Application No.: **10/737,032**
Filed: **December 17, 2003**
For: **Smooth Bore Second Environment Sensing**
Examiner: **Stephen Johnson**
Group Art Unit: **3641**

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Docket No.: A39.2-10296-US01

FACSIMILE TRANSMITTAL LETTER

TO: Examiner Stephen Johnson
FACSIMILE NO.: 703-746-4000
GROUP ART UNIT: 3641

DATE: August 9, 2005
TIME: 1:44 P.M.

TOTAL NUMBER OF PAGES (including cover letter): 3

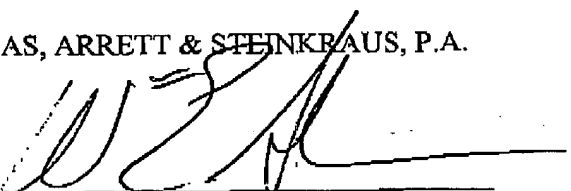
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Part B - Fee Transmittal in duplicate.

Please charge the Issue Fee of \$1,400.00 and Publication fee of \$300.00 to
Deposit Account No. 22-0350. To the extent that any petition is required to consider this
communication, please treat this as such a petition.

Respectfully Submitted,

VIDAS, ARRETT & STEINKRAUS, P.A.

Date: August 9, 2005

By: 
William E. Anderson
Reg. No. 37766

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and
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